APPENDIX

Table : **ixe_descriptor_constants (dbo)**

Column Name	Type	Rule	Default	Comment
descriptor_constants_ID	numeric(18)			Due to only Evaluation method is not enough for measureing the accuracy of the "Market Attribute", we need to apply "Constants (second tweaking method)" to the "Market Attribute Type (Evaluation)" . This table should be called "ixe_evaluation_constant
constant_name	varchar(50)			Market entity descriptor constant name. On the ixe_descriptor_constant is constructed by "Distance (Minimum point, Max Tolerance), Deviation at Middle (Half as good), Bliss Point, and Scaling the Logistic Distribution (Scaling Factor)
descriptor_evaluation_ID	numeric(18)			Market entity descriptor evaluation (function) ID, it refers to ixe_descriptor_evaluation(descriptor_evaluation_ID)

descriptor_constants_ID	constant_name	descriptor_evaluation_ID
---	---	---
1	Half as good	7
2	Half as good	8
3	Half as good	9
4	Minimum Point	2
5	Bliss Point	2
12	Premium for Incumbency	97
7	Tolerance	12
9	Significant Deviation	4
10	Tolerance	13
11	Significant Deviation	11

Table : **ixe_descriptor_evaluation (dbo)**

Column Name	Type	Rule	Default	Comment
descriptor_evaluation_ID	numeric(18)			This table is a matching (Scoring) table. Descriptor evaluation ID, i.e. 1 denotes an attribute where the 'max' formula will be used to compute 'Distance between two attributes', 2 denotes a "bliss" attribute, 3 denotes a discrete (yes/no) attribute, 4 de
descriptor_evaluation_value	varchar(50)			2 denotes a "bliss" attribute, 3 denotes a discrete (yes/no) attribute, 4 denote More is better, 5 for Less Than, 6 for Greater Than, 7 for Linear Distance, 8 for Doorway, 9 for Needle, 11 for Less is better, 12 for Distance- Less than, 13 for Distance -
descriptor_variable_ID	numeric(18)			It refers to ixe_descriptor_variable(descriptor_variable_ID)
feature_status	numeric(18)			Feature status; 0 for all application, 999 is not ready

descriptor_evaluation_ID	descriptor_evaluation_value	descriptor_variable_ID	feature_status
6	Greater Than Or Equal To	1	0
5	Less Than Or Equal To	1	0
3	Equal To	1	0
7	Linear Distance	3	0
8	Doorway	3	0
9	Needle	3	0
2	Bliss	3	999
4	More is better	3	0
11	Less is better	3	0
96	Incumbency Time	3	0
12	Distance - Less than	3	0
13	Distance - More than	3	0
50	Not Equal To	1	0
97	Incumbency	3	0
98	Experience	3	0
95	Experience Time	3	0
15	Strictly Less Than	1	0
16	Strictly Greater Than	1	0

Table : **ixe_descriptor_type (dbo)**

Column Name	Type	Rule	Default	Comment
descriptor_type_ID	numeric(18)			This table only contains two descriptor display names (DropDown and TextBox), it should be called "ixe_descriptor_display_Descriptor Type ID
descriptor_display_type	varchar(50)			display name for descriptor type, only two values (DropDown and TextBox)

descriptor_type_ID	descriptor_display_type
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1	Drop Down
2	Text Box
3	Check Box

Table : **ixe_descriptor_variable (dbo)**

Column Name	Type	Rule	Default	Comment
descriptor_variable_ID	numeric(18)			This table only contains two values (Discrete and Continuous). This table should be called "ixe_descriptor_type" instead of "ixe_descriptor_variable"
descriptor_variable_name	varchar(50)			Descriptor Variable Name (Varchar and Numeric)
variable_type	varchar(50)			Descriptor Variable Type (Discrete and Continuous)

descriptor_variable_ID	descriptor_variable_name	variable_type	feature_status
---	---	---	---
1	Varchar	Discrete	0
3	Numeric	Continuous	0

Table : **ixe_importance (dbo)**

Column Name	Type	Rule	Default	Comment
importance_ID	numeric(18)			This table keep "importance value/weight" for market. importance_ID is 1, 2, 3, 4, 5, and -1. it starts from Essential, "Extremely Important ", "Moderately Important ", "Somewhat Important ", "Irrelevant " to "User Defined ".
importance_value	varchar(25)			Market entity descriptor importance value, for example, from "Essential", "Extremely Important ", "Moderately Important ", "Somewhat Important ", "Irrelevant ", and "User Defined ".
importance_weight	float(53)			Market entity descriptor importance weight, for example, 1, 0.9, 0.75, 0.5, 0, and -1.

Importance_ID	importance_value	importance_weight
---	---	---
1	Essential	1
2	Extremely Important	0.9
3	Moderately Important	0.75
4	Somewhat Important	0.5
5	Irrelevant	0
-1	User Defined	-1

Table : **ixe_market_behavior (dbo)**

Column Name	Type	Rule	Default	Comment
market_behavior_ID	numeric(18)			Market behavior ID, the market behavior is structured as a tree
transaction_type_ID	numeric(18)			Transaction Type ID, it refers to ixe_transaction_type(transaction_type ID) table
behavior_parent_level	int			Parent level of the market behavior (0, 1, 2..)
behavior_parent_name	varchar(50)			The market behavior name on the parent level, for example Commit, ClearingType. Note: the root is Home
parent_value	varchar(50)			The value of the parent level, for example, there are 2 values of the "Commit" market type is 0 (No commitment to buy or sell), 1 (Commitment to buy or sell). Note: the Home has only value 0
option_name	varchar(50)			The option name of the market behavior, it is only for IXE200 algorithm, for example, Commit, CommisionTyep,..etc.
option_value	int			The value of the option for market behavior, for example, there are 3 values of the "CommissionType" market behavior (0 - No Commissions, 1 - Commission per match, 2 - Commission per trade)
displayed_value	varchar(50)			The displayed name of the option for market behavior, for example, there are 3 displayed name for 3 values of the "CommissionType" market behavior (0 - No Commissions, 1 - Commission per match, 2 - Commission per trade)
param_flag	char(10)			Has parameter for market behavior (Yes or No), it is not used now.
displayed_name	varchar(50) NULL			Interpretation of the "option_name" for end user on the web pages
feature_status	numeric(18)			Feature status; 0 for all application, 999 is not ready

market_behavior_ID	transaction_type_ID	behavior_parent_level	behavior_parent_name	parent_value	option_name	option_value	displayed_value	param_flag	displayed_name	feature_status
----	-----	---------	---------	--------	----------	-------	----------	----	----------	----
1	1	0	Home	Home	Commit	0	No commitment to	Y	Commitment	0

							buy or sell			
2	1	0	Home	Home	Commit	1	Commitment to buy or sell	Y	Commitment	0
3	1	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
4	1	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
5	1	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0
6	1	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
7	1	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
8	1	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0
9	1	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
10	1	1	Commit	1	ClearingType	0	Clear Sequentially	Y	Clearing Type	0
11	1	1	Commit	1	ClearingType	1	Maximize the sum of matches	Y	Clearing Type	0
12	1	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
13	1	2	Matching Option	2	ZstarType	1	Cut off is a certain percentage of maximum value	Y	Match Cut-Off	0
14	1	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
15	1	2	ClearingType	0	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
16	1	2	ClearingType	0	ZstarType	1	Cut off is a certain percentage of maximum value	Y	Match Cut-Off	0
17	1	2	ClearingType	0	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
18	1	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
19	1	0	Home	Home	CommissionType	1	Commission based on match	Y	Commissions	0
20	1	0	Home	Home	CommissionType	2	Commission based on price	Y	Commissions	0
21	2	0	Home	Home	Commit	0	No commitment to buy or sell	Y	Commitment	0
22	2	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
23	2	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
24	2	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0

25	2	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
26	2	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
27	2	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0
28	2	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
29	2	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
30	2	2	Matching Option	2	ZstarType	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
31	2	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
32	2	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
33	2	0	Home	Home	CommissionType	1	Commission based on match	Y	Commissions	0
34	2	0	Home	Home	CommissionType	2	Commission based on price	Y	Commissions	0
35	3	0	Home	Home	Commit	0	No commitment to buy or sell	Y	Commitment	0
36	3	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
37	3	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
38	3	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0
39	3	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
40	3	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
41	3	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0
42	3	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
43	3	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
44	3	2	Matching Option	2	ZstarType	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
45	3	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
46	3	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
47	5	0	Home	Home	Commit	0	No commitment to	Y	Commitment	0

							buy or sell			
48	5	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
49	5	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
50	5	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0
51	5	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
52	5	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
53	5	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0
54	5	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
55	5	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
56	5	2	Matching Option	2	ZstarType	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
57	5	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
58	5	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
59	5	0	Home	Home	CommissionType	1	Commission based on match	Y	Commissions	0
60	5	0	Home	Home	CommissionType	2	Commission based on price	Y	Commissions	0
61	15	0	Home	Home	Commit	0	No commitment to buy or sell	Y	Commitment	0
62	15	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
63	15	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
64	15	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0
65	15	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
66	15	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
67	15	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0
68	15	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
69	15	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
70	15	2	Matching Option	2	ZstarType	1	Cut off a certain percentage of	Y	Match Cut-Off	0

							maximum value			
71	15	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
72	15	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
73	15	0	Home	Home	CommissionType	1	Commission based on match	Y	Commissions	0
74	15	0	Home	Home	CommissionType	2	Commission based on price	Y	Commissions	0
75	16	0	Home	Home	Commit	0	No commitment to buy or sell	Y	Commitment	0
76	16	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
77	16	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
78	16	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0
79	16	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
80	16	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
81	16	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0
82	16	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
83	16	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
84	16	2	Matching Option	2	ZstarType	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
85	16	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
86	16	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
87	17	0	Home	Home	Commit	0	No commitment to buy or sell	Y	Commitment	0
88	17	0	Home	Home	MeanType	0	Geometric Mean	N	Mean Calculation	0
89	17	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
90	17	1	Commit	0	Matching Option	0	Admin defined number of matches	Y	Match Number	0
91	17	1	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
92	17	1	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
93	17	1	Commit	0	RecommendPrice	0	No Price Recommendation	N	Price Recommendation	0

94	17	1	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
95	17	2	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
96	17	2	Matching Option	2	ZstarType	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
97	17	2	Matching Option	2	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
98	17	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
99	17	0	Home	Home	CommissionType	1	Commission based on match	Y	Commissions	0
100	17	0	Home	Home	CommissionType	2	Commission based on price	Y	Commissions	0
101	18	0	Home	Home	Weighting Type	0	Simple average	Y	Weighting	0
103	18	0	Home	Home	Weighting Type	2	Score weighted average quadratic	Y	Weighting	0
105	4	0	Home	Home	PoolType	1	Match jobs in pool with all workers	Y	Job Pool	0
107	4	0	Home	Home	MeanType	0	Geometric mean	N	Mean Calculation	0
122	4	2	Commit	1	ClearingType	1	Maximize the sum of matches	Y	Clearing Type	0
109	4	1	PoolType	0	Commit	0	No commitment to allocate	Y	Commitment	0
111	4	1	PoolType	1	Commit	0	No commitment to allocate	Y	Commitment	0
118	4	3	Matching Option	2	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
120	4	3	Matching Option	2	ZstarType	2	Cut off determined by quantile value	Y	Match Cut-Off	0
124	4	3	ClearingType	0	ZstarType	1	Cut off a certain percentage of maximum	Y	Match Cut-Off	0
114	4	2	Commit	0	Matching Option	1	User defined number of matches	N	Match Number	0
116	4	2	Commit	0	RecommendPrice	0	No Price recommendation	N	Price Recommendation	0
126	4	0	Home	Home	CommissionType	0	No Commissions	N	Commissions	0
128	4	0	Home	Home	CommissionType	2	Commission based on price	Y	Commissions	0
130	14	0	Home	Home	Lex	1	Modified competitive market	Y	Competitive Market Type	0
131	14	0	Home	Home	MeanType	0	Geometric mean	N	Mean Calculation	0
132	14	0	Home	Home	MeanType	1	Arithmetic Mean	N	Mean Calculation	0
133	14	0	Home	Home	DefType	0	Market defined exogenously	N	Market Definition	0

134	14	0	Home	Home	DefType	1	Market defined by administrator	Y	Market Definition	0
135	14	0	Home	Home	DefType	2	Market defined endogenously	Y	Market Definition	0
136	19	0	Home	Home	MeanType	0	Geometric mean	N	Mean Calculation	0
138	19	0	Home	Home	DefType	3	Market defined endogenously	Y	Market Definition	0
139	13	0	Home	Home	QualType	0	No Qualification	N	Qualification	0
141	13	0	Home	Home	QualType	2	Qualification number of bidders	N	Qualification	0
143	13	1	QualType	1	QualStageType	0	Run auction in same stage as qualification	N	Qualification Stage	0
145	13	1	QualType	2	QualStageType	0	Run auction in same stage as qualification	N	Qualification Stage	0
147	13	1	QualType	3	QualStageType	0	Run auction in same stage as qualification	N	Qualification Stage	0
149	13	0	Home	Home	SequentialType	0	One time bid	N	Auction Sequence	0
151	13	0	Home	Home	SequentialType	2	Sequential with reentry	N	Auction Sequence	0
153	13	0	Home	Home	SequentialType	4	Dutch Auction	N	Auction Sequence	0
155	13	0	Home	Home	AuctionType	1	Reverse (buying)	N	Auction Direction	0
157	13	1	SequentialType	0	PricingRule	1	Last Winning Bid	N	Pricing Rule	0
159	13	1	SequentialType	2	IncrementRule	0	Bidder chosen increment	N	Increment Choice	0
162	13	1	SequentialType	2	StoppingRule	1	Bids this period and Time	Y	Stopping Rule	0
164	13	1	SequentialType	2	StoppingRule	3	Bids this period and price	Y	Stopping Rule	0
166	13	2	IncrementRule	0	PricingRule	1	Last Winning Bid	N	Pricing Rule	0
168	13	1	SequentialType	3	PricingRule	0	Own Bid	N	Pricing Rule	0
170	13	1	SequentialType	3	PricingRule	2	First Losing Bid	N	Pricing Rule	0
171	13	1	SequentialType	3	Automatic	0	Just display recommendation	N	Match Choice	0
172	13	1	SequentialType	3	Automatic	1	Choose best deal automatically	Y	Match Choice	0
173	13	1	SequentialType	4	PricingRule	0	Own Bid	N	Pricing Rule	0
174	13	1	SequentialType	4	PricingRule	1	Last Winning Bid	N	Pricing Rule	0
175	13	1	SequentialType	1	BidType	0	Bids incremented in absolute amounts	Y	Bid Increment	0
176	13	1	SequentialType	1	BidType	1	Bids incremented in proportionate amounts	Y	Bid Increment	0

177	13	2	Increment Rule	1	BidType	0	Bids incremented in absolute amounts	Y	Bid Increment	0
178	13	2	Increment Rule	1	BidType	1	Bids incremented in proportionate amounts	Y	Bid Increment	0
179	13	1	SequentialType	4	BidType	0	Bids incremented in absolute amounts	Y	Bid Increment	0
180	13	1	SequentialType	4	BidType	1	Bids incremented in proportionate amounts	Y	Bid Increment	0
181	13	1	SequentialType	4	Stopping Rule	0	Number of bids or units this period only	N	Stopping Rule	0
182	13	1	SequentialType	4	Stopping Rule	1	Bids this period and Time	Y	Stopping Rule	0
102	18	0	Home	Home	Weighting Type	1	Score weighted average	Y	Weighting	0
104	4	0	Home	Home	PoolType	0	Match jobs in pool with workers in pool	Y	Job Pool	0
106	4	0	Home	Home	PoolType	2	Match pool with all show displacements	Y	Job Pool	0
108	4	0	Home	Home	MeanType	1	Arithmetic mean	N	Mean Calculation	0
121	4	2	Commit	1	ClearingType	0	Clear Sequentially	Y	Clearing Type	0
110	4	1	PoolType	0	Commit	1	Commitment to allocate	Y	Commitment	0
112	4	1	PoolType	2	Commit	0	No commitment to allocate	Y	Commitment	0
119	4	3	Matching Option	2	ZstarType	1	Cut off a certain percentage of maximum	Y	Match Cut-Off	0
123	4	3	ClearingType	0	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
113	4	2	Commit	0	Matching Option	0	Administrator defined number of matches	Y	Match Number	0
115	4	2	Commit	0	Matching Option	2	Number of matches determined endogenously	N	Match Number	0
117	4	2	Commit	0	RecommendPrice	1	Price Recommendation	Y	Price Recommendation	0
125	4	3	ClearingType	0	ZstarType	2	Cut off determined by quantile value	Y	Match Cut-Off	0
127	4	0	Home	Home	CommissionType	1	Commission based on match	Y	Commissions	0
129	14	0	Home	Home	Lex	0	Regular competitive market	Y	Competitive Market Type	0
137	19	0	Home	Home	MeanType	1	Arithmetic mean	N	Mean Calculation	0
140	13	0	Home	Home	QualType	1	Qualification match threshold value	N	Qualification	0
142	13	0	Home	Home	QualType	3	Qualification	N	Qualification	0

							quantile			
144	13	1	QualType	1	QualStageType	1	Run auction in a separate round	N	Qualification Stage	0
146	13	1	QualType	2	QualStageType	1	Run auction in a separate round	N	Qualification Stage	0
148	13	1	QualType	3	QualStageType	1	Run auction in a separate round	N	Qualification Stage	0
150	13	0	Home	Home	SequentialType	1	Sequential without reentry	N	Auction Sequence	0
152	13	0	Home	Home	SequentialType	3	Bundled Unbundled auction	N	Auction Sequence	0
154	13	0	Home	Home	AuctionType	0	Forward (selling)	N	Auction Direction	0
156	13	1	SequentialType	0	PricingRule	0	Own Bid	N	Pricing Rule	0
158	13	1	SequentialType	0	PricingRule	2	First Losing Bid	N	Pricing Rule	0
160	13	1	SequentialType	2	IncrementRule	1	System chosen increment	N	Increment Choice	0
161	13	1	SequentialType	2	Stopping Rule	0	Number of bids or units this period only	N	Stopping Rule	0
163	13	1	SequentialType	2	Stopping Rule	2	Bids this period and bids so far	Y	Stopping Rule	0
165	13	2	IncrementRule	0	PricingRule	0	Own Bid	N	Pricing Rule	0
167	13	2	IncrementRule	0	PricingRule	2	First Losing Bid	N	Pricing Rule	0
169	13	1	SequentialType	3	PricingRule	1	Last Winning Bid	N	Pricing Rule	0
183	13	1	SequentialType	4	Stopping Rule	2	Bids this period and bids so far	Y	Stopping Rule	0
214	1	1	Commit	1	WantUpdate	0	Do not update buyer data after clearing	Y	Update buyer data	0
217	1	1	Commit	1	HaveUpdate	1	Update seller data after clearing	Y	Update seller data	0
219	4	2	Commit	1	WantUpdate	1	Update buyer data after clearing	Y	Update buyer data	0
221	4	2	Commit	1	HaveUpdate	1	Update seller data after clearing	Y	Update seller data	0
223	14	0	Home	Home	WantUpdate	1	Update buyer data after clearing	Y	Update buyer data	0
225	14	0	Home	Home	HaveUpdate	1	Update seller data after clearing	Y	Update seller data	0
257	1	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
258	1	2	Matching Option	3	ZstarType	0	Cut off specified by administrator	Y	Match Cut-Off	0
259	1	2	Matching Option	3	ZstarType	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
260	1	2	Matching Option	3	ZstarType	2	Cut off is determined by quantile value	Y	Match Cut-Off	0

261	2	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
262	2	2	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
263	2	2	Matching Option	3	ZstarTyp e	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
264	2	2	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
265	3	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
266	3	2	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
267	3	2	Matching Option	3	ZstarTyp e	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
268	3	2	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
269	4	2	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
270	4	3	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
271	4	3	Matching Option	3	ZstarTyp e	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
272	4	3	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
273	5	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
274	5	2	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
275	5	2	Matching Option	3	ZstarTyp e	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
276	5	2	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
277	15	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
278	15	2	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
279	15	2	Matching Option	3	ZstarTyp e	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
280	15	2	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
281	16	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
282	16	2	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
283	16	2	Matching	3	ZstarTyp	1	Cut off a certain	Y	Match Cut-Off	0

			Option		e		percentage of maximum value			
284	16	2	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
285	17	1	Commit	0	Matching Option	3	All matches above a certain value	N	Match Number	0
286	17	2	Matching Option	3	ZstarTyp e	0	Cut off specified by administrator	Y	Match Cut-Off	0
287	17	2	Matching Option	3	ZstarTyp e	1	Cut off a certain percentage of maximum value	Y	Match Cut-Off	0
288	17	2	Matching Option	3	ZstarTyp e	2	Cut off is determined by quantile value	Y	Match Cut-Off	0
184	13	1	QualType	1	Param_fl ag	0	Threshold value chosen by administrator	Y	Threshold Choice	0
185	13	1	QualType	1	Param_fl ag	1	Threshold value chosen by user	Y	Threshold Choice	0
186	13	1	QualType	2	Param_fl ag	0	Number of bidders chosen by administrator	Y	Number of Bidders	0
187	13	1	QualType	2	Param_fl ag	1	Number of bidders chosen by user	Y	Number of Bidders	0
188	13	1	QualType	3	Param_fl ag	0	Quantile value chosen by administrator	Y	Quantile Choice	0
189	13	1	QualType	3	Param_fl ag	1	Quantile value chosen by user	Y	Quantile Choice	0
190	13	2	BidType	0	Param_fl ag	0	Increments chosen by administrator	Y	Increment Choice	0
191	13	2	BidType	0	Param_fl ag	1	Increments chosen by user	Y	Increment Choice	0
192	13	2	BidType	1	Param_fl ag	0	Increments chosen by administrator	Y	Increment Choice	0
193	13	2	BidType	1	Param_fl ag	1	Increments chosen by user	Y	Increment Choice	0
194	13	3	BidType	0	Param_fl ag	0	Increments chosen by administrator	Y	Increment Choice	0
195	13	3	BidType	0	Param_fl ag	1	Increments chosen by user	Y	Increment Choice	0
196	13	3	BidType	1	Param_fl ag	0	Increments chosen by administrator	Y	Increment Choice	0
197	13	3	BidType	1	Param_fl ag	1	Increments chosen by user	Y	Increment Choice	0
198	13	2	Stopping Rule	1	Param_fl ag	0	Stopping time chosen by administrator	Y	Stopping Choice	0
199	13	2	Stopping Rule	1	Param_fl ag	1	Stopping time chosen by user	Y	Stopping Choice	0
200	13	2	Stopping Rule	2	Param_fl ag	0	Number of bids chosen by administrator	Y	Number of Bidders	0
201	13	2	Stopping	2	Param_fl	1	Number of bids	Y	Number of	0

			Rule		ag		chosen by user		Bidders	
202	13	2	Stopping Rule	3	Param_flag	0	Target price level chosen by administrator	Y	Target Price	0
203	13	2	Stopping Rule	3	Param_flag	1	Target price level chosen by administrator	Y	Target Price	0
204	13	2	Automatic	1	Param_flag	0	Premium chosen by administrator	Y	Premium Choice	0
205	13	2	Automatic	1	Param_flag	1	Premium chosen by user	Y	Premium Choice	0
206	13	1	SequentialType	1	Iterate	0	Disable Iteration of Price to Convergence	Y	Price Iteration	0
207	13	1	SequentialType	1	Iterate	1	Allow Iteration of Price to Convergence	Y	Price Iteration	0
208	13	2	Increment Rule	1	Iterate	0	Disable Iteration of Price to Convergence	Y	Price Iteration	0
209	13	2	Increment Rule	1	Iterate	1	Allow Iteration of Price to Convergence	Y	Price Iteration	0
210	13	2	Iterate	1	Param_flag	0	Number of iterations chosen by administrator	Y	Number of Iterations	0
211	13	2	Iterate	1	Param_flag	1	Number of iterations chosen by user	Y	Number of Iterations	0
212	13	3	Iterate	1	Param_flag	0	Number of iterations chosen by administrator	Y	Number of Iterations	0
213	13	3	Iterate	1	Param_flag	1	Number of iterations chosen by user	Y	Number of Iterations	0
215	1	1	Commit	1	WantUpdate	1	Update buyer data after clearing	Y	Update buyer data	0
216	1	1	Commit	1	HaveUpdate	0	Do not update seller data after clearing	Y	Update seller data	0
218	4	2	Commit	1	WantUpdate	0	Do not update buyer data after clearing	Y	Update buyer data	0
220	4	2	Commit	1	HaveUpdate	0	Do not update seller data after clearing	Y	Update seller data	0
222	14	0	Home	Home	WantUpdate	0	Do not update buyer data after clearing	Y	Update buyer data	0
224	14	0	Home	Home	HaveUpdate	0	Do not update seller data after clearing	Y	Update seller data	0
226	9	0	Home	Home	SequentialType	2	Sequential with reentry	Y	Auction Sequence	0
227	9	0	Home	Home	Stopping	0	Not enough bids in	Y	Stopping Rule	0

					Rule		last period			
228	9	0	Home	Home	IncrementRule	0	Bidder chosen increment	Y	Increment Choice	0
229	9	0	Home	Home	PricingRule	0	Own Bid	Y	Pricing Rule	0
230	10	0	Home	Home	SequentialType	4	Dutch	Y	Auction Sequence	0
231	11	0	Home	Home	Degressive	0	Degressive Factor	Y	Degressive	0
232	10	0	Home	Home	Degressive	0	Degressive factor	Y	Degressive	0
233	10	0	Home	Home	PricingRule	0	Own Bid	Y	Pricing Rule	0
234	20	0	Home	Home	SequentialType	0	One time bid	Y	Auction Sequence	0
235	20	0	Home	Home	PricingRule	0	Own Bid	Y	Pricing Rule	0
236	20	0	Home	Home	AuctionType	0	Forward (selling)	Y	Auction Direction	0
237	20	0	Home	Home	AuctionType	1	Reverse (buying)	Y	Auction Direction	0
238	10	0	Home	Home	AuctionType	0	Forward (selling)	Y	Auction Direction	0
239	10	0	Home	Home	AuctionType	1	Reverse (buying)	Y	Auction Direction	0
240	9	0	Home	Home	AuctionType	0	Forward (selling)	Y	Auction Direction	0
241	9	0	Home	Home	AuctionType	1	Reverse (buying)	Y	Auction Direction	0
242	12	0	Home	Home	SequentialType	0	One time bid	Y	Auction Sequence	0
243	12	0	Home	Home	PricingRule	2	First Losing bid	Y	Pricing Rule	0
244	12	0	Home	Home	AuctionType	0	Forward (selling)	Y	Auction Direction	0
245	12	0	Home	Home	AuctionType	1	Reverse (buying)	Y	Auction Direction	0
246	11	0	Home	Home	AuctionType	0	Forward (selling)	Y	Auction Direction	0
247	11	0	Home	Home	AuctionType	1	Reverse (buying)	Y	Auction Direction	0
248	11	0	Home	Home	SequentialType	1	Japanese	Y	Auction Sequence	0
249	10	0	Home	Home	Param_flag	0	Increments chosen by administrator	Y	Increment Choice	0
250	10	0	Home	Home	Param_flag	1	Increments chosen by user	Y	Increment Choice	0
251	11	0	Home	Home	Iterate	0	Disable Iteration of Price to Convergence	Y	Price Iteration	0
252	11	0	Home	Home	Param_flag	0	Increments chosen by administrator	Y	Increment Choice	0
253	11	0	Home	Home	Param_flag	1	Increments chosen by user	Y	Increment Choice	0

254	11	0	Home	Home	Iterate	1	Allow Iteration of Price to Convergence	Y	Price Iteration	0
255	11	1	Iterate	1	Param_flag	0	Number of iterations chosen by administrator	Y	Number of Iterations	0
256	11	1	Iterate	1	Param_flag	1	Number of iterations chosen by user	Y	Number of Iterations	0
290	1	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
291	1	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
297	2	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
299	2	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
300	2	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
301	2	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
303	3	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
305	3	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
306	3	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
307	3	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
308	4	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
310	4	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
311	4	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
315	5	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
316	5	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
317	5	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
318	5	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
319	5	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
321	14	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
322	14	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0

324	14	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
325	14	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
327	15	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
328	15	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
329	15	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
331	15	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
334	16	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
336	16	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
338	17	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
339	17	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
292	1	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
293	1	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
294	1	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
295	1	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
296	2	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
298	2	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
302	3	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
304	3	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
309	4	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
312	4	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
313	4	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
314	5	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
320	14	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0

323	14	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
326	15	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
330	15	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
332	16	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
333	16	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
335	16	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
337	16	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
340	17	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
341	17	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
342	17	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
343	17	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
344	18	0	Home	Home	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
345	18	0	Home	Home	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
346	18	1	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
347	18	1	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0
348	19	0	Home	Home	Incentives	0	Do not restrict preferences	N	Preferences	0
349	19	0	Home	Home	Incentives	1	Restrict preferences	Y	Preferences	0
350	19	1	MeanType	0	AllowHashtables	0	Do not allow pre-sorting of buyers and sellers	N	Pre-Sort	0
351	19	1	MeanType	0	AllowHashtables	1	Allow pre-sorting of buyers and sellers	N	Pre-Sort	0
352	19	2	AllowHashtables	1	HighestPref	0	Pre-sort only on essential attributes	N	Pre-sort Properties	0
353	19	2	AllowHashtables	1	HighestPref	1	Pre-sort on strongest preference	N	Pre-sort Properties	0

Table : **ixe_market_behavior_param (dbo)**

Column Name	Type	Rule	Default	Comment
market_behavior_param_ID	numeric(18) IDENTITY			Market behavior parameter ID
market_behavior_ID	numeric(18)			Market behavior ID, it refers to ixe_market_behavior (market_behavior_ID)
param_name	varchar(50) NULL			Market behavior parameter name
displayed_name	varchar(50) NULL			displayed name for market behavior parameter
param_datatype	varchar(20) NULL			Market behavior parameter datatype
param_type	varchar(20) NULL			Market behavior parameter type
param_min	float(53) NULL			Market behavior parameter mininum value
param_max	float(53) NULL			Market behavior parameter maxinum value
param_flag	varchar(1) NULL			param_flag says whether the parameter should be asked to the market administrator (M), to sellers (S) or to buyers (B): - S means that the parameter will be asked on the parameters page of the market configuration. - B or S mean that the parameter will b
parameter_auction	varchar(50) NULL			parameter_auction says whether the parameter will be considered a parameter (in which case it will be stored as such and sent to the engine within the parameters tag in the have or want.xml file) or auction data (in which case it will be sent through in t

market_behavior_param_ID	market_behavior_ID	param_name	displayed_name	param_datatype	param_type	param_min	param_max	param_flag	parameter_auction
---	---	---	---	---	---	---	---	---	---
1	1	PriceCheck	Importance for price	Float	Text	0	1	M	
2	2	PriceCheck	Importance for price	Float	Text	0	1	M	
3	2	Gamma	Weight of demand price	Float	Text	0	1	M	
4	5	SellerSeesNumber	Number of matches shown to each seller	Int	Text	1		M	
5	5	BuyerSeesNumber	Number of matches shown to each buyer	Int	Text	1		M	
6	9	Gamma	Weight of demand price	Float	Text	0	1	M	

7	10	NumberToRank	Number of best matches to consider	Int	Text	1		M	
8	11	Epsilon	Precision of the optimization	Float	Text	0.001	0.1	M	
9	12	ZStar	Cutoff value	Float	Text	0	1	M	
10	13	Alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
11	14	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
12	15	ZStar	Cutoff value	Float	Text	0	1	M	
13	16	Alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
14	17	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
15	19	CommissionPerMatch	Commission per match	Float	Text	0		M	
16	20	CommissionPercentage	Commission in percentage of price	Float	Text	0	1	M	
17	21	PriceCheck	Importance for price	Float	Text	0	1	M	
18	24	BuyerSeesNumber	Number of matches shown to each buyer	Int	Text	1		M	
19	28	Gamma	Weight of demand price	Float	Text	0	1	M	
20	29	ZStar	Cutoff value	Float	Text	0	1	M	
21	30	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
22	31	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
23	33	CommissionPerMatch	Commission per match	Float	Text	0		M	
24	34	CommissionPercentage	Commission in percentage of price	Float	Text	0	1	M	
25	35	PriceCheck	Importance for price	Float	Text	0	1	M	
26	38	BuyerSeesNumber	Number of matches shown to each buyer	Int	Text	1		M	
27	42	Gamma	Weight of demand price	Float	Text	0	1	M	
28	43	ZStar	Cutoff value	Float	Text	0	1	M	
29	44	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
30	45	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
31	47	PriceCheck	Importance for price	Float	Text	0	1	M	
32	50	BuyerSeesNumber	Number of matches shown to each buyer	Int	Text	1		M	
33	54	Gamma	Weight of demand price	Float	Text	0	1	M	
34	55	ZStar	Cutoff value	Float	Text	0	1	M	
35	56	alpha	Cutoff as a	Float	Text	0	1	M	

			percentage of the highest match value						
36	57	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
37	59	CommissionPerMatch	Commission per match	Float	Text	0		M	
38	60	CommissionPercentage	Commission in percentage of price	Float	Text	0	1	M	
39	61	PriceCheck	Importance for price	Float	Text	0	1	M	
40	64	SellerSeesNumber	Number of matches shown to each seller	Int	Text	1		M	
41	68	Gamma	Weight of demand price	Float	Text	0	1	M	
42	69	ZStar	Cutoff value	Float	Text	0	1	M	
43	70	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
44	71	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
45	73	CommissionPerMatch	Commission per match	Float	Text	0		M	
46	74	CommissionPercentage	Commission in percentage of price	Float	Text	0	1	M	
47	75	PriceCheck	Importance for price	Float	Text	0	1	M	
48	78	SellerSeesNumber	Number of matches shown to each seller	Int	Text	1		M	
49	82	Gamma	Weight of demand price	Float	Text	0	1	M	
50	83	ZStar	Cutoff value	Float	Text	0	1	M	
51	84	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
52	85	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
53	87	PriceCheck	Importance for price	Float	Text	0	1	M	
54	90	SellerSeesNumber	Number of matches shown to each seller	Int	Text	1		M	
55	94	Gamma	Weight of demand price	Float	Text	0	1	M	
56	95	ZStar	Cutoff value	Float	Text	0	1	M	
57	96	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
58	97	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
59	99	CommissionPerMatch	Commission per match	Float	Text	0		M	
60	100	CommissionPercentage	Commission in percentage of price	Float	Text	0	1	M	
61	9	PriceCheck	Importance for price	Float	Text	0	1	M	
62	28	PriceCheck	Importance for price	Float	Text	0	1	M	
63	42	PriceCheck	Importance for price	Float	Text	0	1	M	
64	54	PriceCheck	Importance for price	Float	Text	0	1	M	

65	68	PriceCheck	Importance for price	Float	Text	0	1	M	
66	82	PriceCheck	Importance for price	Float	Text	0	1	M	
67	94	PriceCheck	Importance for price	Float	Text	0	1	M	
68	8	PriceCheck	Importance for price	Float	Text	0	1	M	
69	27	PriceCheck	Importance for price	Float	Text	0	1	M	
70	41	PriceCheck	Importance for price	Float	Text	0	1	M	
71	53	PriceCheck	Importance for price	Float	Text	0	1	M	
72	67	PriceCheck	Importance for price	Float	Text	0	1	M	
73	81	PriceCheck	Importance for price	Float	Text	0	1	M	
74	93	PriceCheck	Importance for price	Float	Text	0	1	M	
75	15	NumberToRank	Number of best matches to consider	Int	Text	1		M	
76	16	NumberToRank	Number of best matches to consider	Int	Text	1		M	
77	17	NumberToRank	Number of best matches to consider	Int	Text	1		M	
78	101	NGoods	Number of best good matches to search	Int	Text	1		M	
79	107	WQuantile	Percentage of worst matches defining the pool	Float	Text	0	1	M	
80	102	NGoods	Number of best good matches to search	Int	Text	1		M	
81	103	NGoods	Number of best good matches to search	Int	Text	1		M	
82	108	WQuantile	Percentage of worst matches to define the pool	Float	Text	0	1	M	
83	135	CorrStar	Correlation cutoff	Float	Text	0	1	M	
84	138	CorrStar	Correlation cutoff	Float	Text	0	1	M	
85	138	nstar	Number of sellers to define a new market	Int	Text	1		M	
86	138	NumberToRank	Number of best matches to consider	Int	Text	1		M	
87	186	BidNumber	Number of bidders to qualify	Int	Text	1		M	
88	211	MaxIter	Number of iterations on price	Int	Text	1		S	parameter
89	213	MaxIter	Number of iterations on price	Int	Text	1		S	parameter
90	163	MaxNumberBids	Maximum Number of bids	Int	Text	1		M	
91	113	SellerSeesNumber	Number of matches to be shown to each worker	Int	Text	1		M	
92	113	BuyerSeesNumber	Number of matches to show to each job	Int	Text	1		M	
93	117	Gamma	Weight of demand price	Float	Text	0	1	M	
94	118	ZStar	Cutoff value	Float	Text	0	1	M	
95	119	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	

96	120	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
97	123	ZStar	Cutoff value	Float	Text	0	1	M	
98	124	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
99	125	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
100	127	CommissionPerMatch	Commission per match	Float	Text	0		M	
101	128	CommissionPercentage	Commission in percentage of price	Float	Text	0	1	M	
102	107	PriceCheck	Importance for price	Float	Text	0	1	M	
103	108	PriceCheck	Importance for price	Float	Text	0	1	M	
104	123	NumberToRank	Number of best matches to consider	Int	Text	1		M	
105	124	NumberToRank	Number of best matches to consider	Int	Text	1		M	
106	125	NumberToRank	Number of best matches to consider	Int	Text	1		M	
107	122	Epsilon	Precision of the optimization	Float	Text	0.001	0.1	M	
108	122	Gamma	Weight of demand price	Float	Text	0	1	M	
109	123	Gamma	Weight of demand price	Float	Text	0	1	M	
110	124	Gamma	Weight of demand price	Float	Text	0	1	M	
111	125	Gamma	Weight of demand price	Float	Text	0	1	M	
112	11	Gamma	Weight of demand price	Float	Text	0	1	M	
113	15	Gamma	Weight of demand price	Float	Text	0	1	M	
114	16	Gamma	Weight of demand price	Float	Text	0	1	M	
115	17	Gamma	Weight of demand price	Float	Text	0	1	M	
116	130	ZStar	Cutoff value for matches	Float	Text	0	1	M	
117	131	Gamma	Weight of demand price	Float	Text	0	1	M	
118	132	Gamma	Weight of demand price	Float	Text	0	1	M	
119	134	DZStar	Cutoff match value for buyers	Float	Text	0	1	M	
120	134	SZStar	Cutoff match value for sellers	Float	Text	0	1	M	
121	135	CVStar	Coefficient of variation cutoff	Float	Text	0	1	M	
122	135	nstar	Number of sellers to define a new market	Int	Text	1		M	
123	101	Margin	Margin	Float	Text	0	1	M	
124	102	Margin	Margin	Float	Text	0	1	M	

125	103	Margin	Margin	Float	Text	0	1	M	
126	138	CVStar	Coefficient of variation cutoff	Float	Text	0	1	M	
127	130	NumberToRank	Number of best matches to consider	Int	Text	1		M	
128	184	ZStarAuction	Cutoff match value	Float	Text	0	1	M	
129	188	BidQuantile	Quantile of bidders to qualify	Float	Text	0	1	M	
130	210	MaxIter	Number of iterations on price	Int	Text	1		M	
131	212	MaxIter	Number of iterations on price	Int	Text	1		M	
132	162	MaxTime	Maximum Number of periods	Int	Text	1		M	
133	202	TargetLevel	Target price level	Float	Text	0		M	
134	204	Premium	Premium to single bidder	Float	Text	0		M	
135	185	ZStarAuction	Cutoff match value	Float	Text	0	1	S	parameter
136	187	BidNumber	Number of bidders to qualify	Int	Text	1		S	parameter
137	189	BidQuantile	Quantile of bidders to qualify	Float	Text	0	1	S	parameter
138	198	MaxTime	Maximum Number of periods	Int	Text	1		M	
139	200	MaxNumberBids	Maximum Number of bids	Int	Text	1		M	
140	199	MaxTime	Maximum Number of periods	Int	Text	1		S	parameter
141	191	FixedIncrement	Increment amount	Float	Text	0		S	parameter
142	191	Degressive	Degressive factor	Float	Text	0		S	parameter
143	192	Degressive	Degressive factor	Float	Text	0		M	
144	193	Degressive	Degressive factor	Float	Text	0		S	parameter
145	193	InitialValue	Initial bid amount	Float	Text	0		S	parameter
146	194	FixedIncrement	Increment amount	Float	Text	0		M	
147	194	InitialValue	Initial bid amount	Float	Text	0		M	
148	194	Degressive	Degressive factor	Float	Text	0		M	
149	195	FixedIncrement	Increment amount	Float	Text	0		S	parameter
150	195	Degressive	Degressive factor	Float	Text	0		S	parameter
151	195	InitialValue	Initial bid amount	Float	Text	0		S	parameter
152	196	Degressive	Degressive factor	Float	Text	0		M	
153	196	PropIncrement	Increment percentage	Float	Text	0		M	
154	197	Degressive	Degressive factor	Float	Text	0		S	parameter
155	197	PropIncrement	Increment percentage	Float	Text	0		S	parameter
156	157	PricePoints	Number of price points to allow	Int	Text	1		M	
157	181	PricePoints	Number of price points to allow	Int	Text	1		M	
158	183	PricePoints	Number of price points to allow	Int	Text	1		M	
159	201	MaxNumberBids	Maximum Number of bids	Int	Text	1		S	parameter

160	203	TargetLevel	Target price level	Float	Text	0		S	parameter
161	205	Premium	Premium to single bidder	Float	Text	0		S	parameter
162	190	FixedIncrement	Increment amount	Float	Text	0		M	
163	190	InitialValue	Initial bid amount	Float	Text	0		M	
164	190	Degressive	Degressive factor	Float	Text	0		M	
165	191	InitialValue	Initial bid amount	Float	Text	0		S	parameter
166	192	PropIncrement	Increment percentage	Float	Text	0		M	
167	192	InitialValue	Initial bid amount	Float	Text	0		M	
168	193	PropIncrement	Increment percentage	Float	Text	0		S	parameter
169	196	InitialValue	Initial bid amount	Float	Text	0		M	
170	197	InitialValue	Initial bid amount	Float	Text	0		S	parameter
171	156	PricePoints	Number of price points to allow	Int	Text	1		M	
172	158	PricePoints	Number of price points to allow	Int	Text	1		M	
173	182	PricePoints	Number of price points to allow	Int	Text	1		M	
174	249	FixedIncrement	Increment amount	Float	Text	0		M	
175	258	ZStar	Cutoff value	Float	Text	0	1	M	
176	260	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
177	266	ZStar	Cutoff value	Float	Text	0	1	M	
178	274	ZStar	Cutoff value	Float	Text	0	1	M	
179	282	ZStar	Cutoff value	Float	Text	0	1	M	
180	263	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
181	271	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
182	279	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
183	287	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
184	268	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
185	276	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
186	284	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
187	250	FixedIncrement	Increment amount	Float	Text	0		S	parameter
188	249	InitialValue	Initial price	Float	Text	0		M	
189	250	InitialValue	Initial price	Float	Text	0		S	parameter
190	252	FixedIncrement	Increment amount	Float	Text	0		M	
191	253	FixedIncrement	Increment amount	Float	Text	0		S	parameter
192	252	InitialValue	Initial bid amount	Float	Text	0		M	
193	253	InitialValue	Initial bid amount	Float	Text	0		S	parameter
194	255	MaxIter	Number of iterations	Int	Text	1		M	

			on price						
195	256	MaxIter	Number of iterations on price	Int	Text	1		S	parameter
196	259	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
197	262	ZStar	Cutoff value	Float	Text	0	1	M	
198	270	ZStar	Cutoff value	Float	Text	0	1	M	
199	278	ZStar	Cutoff value	Float	Text	0	1	M	
200	286	ZStar	Cutoff value	Float	Text	0	1	M	
201	267	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
202	275	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
203	283	alpha	Cutoff as a percentage of the highest match value	Float	Text	0	1	M	
204	264	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
205	272	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
206	280	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
207	288	Quantile	Cutoff as quantile value	Float	Text	0	1	M	
208	3	price	Ask price	Float	Text			S	parameter
209	3	quantity	Quantity offered	Int	Text	1		S	parameter
210	3	price	Bid price	Float	Text			B	parameter
211	3	quantity	Quantity desired	Int	Text	1		B	parameter
212	4	price	Ask price	Float	Text			S	parameter
213	4	quantity	Quantity offered	Int	Text	1		S	parameter
214	4	price	Bid price	Float	Text			B	parameter
215	4	quantity	Quantity desired	Int	Text	1		B	parameter
216	6	matches	Number of matches	Int	Text	1		S	parameter
217	6	matches	Number of matches	Int	Text	1		B	parameter
218	22	price	Ask price	Float	Text			S	parameter
219	22	quantity	Quantity offered	Int	Text	1		S	parameter
220	22	price	Bid price	Float	Text			B	parameter
221	22	quantity	Quantity desired	Int	Text	1		B	parameter
222	23	price	Ask price	Float	Text			S	parameter
223	23	quantity	Quantity offered	Int	Text	1		S	parameter
224	23	price	Bid price	Float	Text			B	parameter
225	23	quantity	Quantity desired	Int	Text	1		B	parameter
226	25	matches	Number of matches	Int	Text	1		S	parameter
227	25	matches	Number of matches	Int	Text	1		B	parameter
228	36	price	Ask price	Float	Text			S	parameter
229	36	quantity	Quantity offered	Int	Text	1		S	parameter
230	36	price	Bid price	Float	Text			B	parameter

231	36	quantity	Quantity desired	Int	Text	1		B	parameter
232	37	price	Ask price	Float	Text			S	parameter
233	37	quantity	Quantity offered	Int	Text	1		S	parameter
234	37	price	Bid price	Float	Text			B	parameter
235	37	quantity	Quantity desired	Int	Text	1		B	parameter
236	39	matches	Number of matches	Int	Text	1		S	parameter
237	39	matches	Number of matches	Int	Text	1		B	parameter
238	48	price	Ask price	Float	Text			S	parameter
239	48	quantity	Quantity offered	Int	Text	1		S	parameter
240	48	price	Bid price	Float	Text			B	parameter
241	48	quantity	Quantity desired	Int	Text	1		B	parameter
242	49	price	Ask price	Float	Text			S	parameter
243	49	quantity	Quantity offered	Int	Text	1		S	parameter
244	49	price	Bid price	Float	Text			B	parameter
245	49	quantity	Quantity desired	Int	Text	1		B	parameter
246	51	matches	Number of matches	Int	Text	1		S	parameter
247	51	matches	Number of matches	Int	Text	1		B	parameter
248	62	price	Ask price	Float	Text			S	parameter
249	62	quantity	Quantity offered	Int	Text	1		S	parameter
250	62	price	Bid price	Float	Text			B	parameter
251	62	quantity	Quantity desired	Int	Text	1		B	parameter
252	63	price	Ask price	Float	Text			S	parameter
253	63	quantity	Quantity offered	Int	Text	1		S	parameter
254	63	price	Bid price	Float	Text			B	parameter
255	63	quantity	Quantity desired	Int	Text	1		B	parameter
256	65	matches	Number of matches	Int	Text	1		S	parameter
257	65	matches	Number of matches	Int	Text	1		B	parameter
258	76	price	Ask price	Float	Text			S	parameter
259	76	quantity	Quantity offered	Int	Text	1		S	parameter
260	76	price	Bid price	Float	Text			B	parameter
261	76	quantity	Quantity desired	Int	Text	1		B	parameter
262	77	price	Ask price	Float	Text			S	parameter
263	77	quantity	Quantity offered	Int	Text	1		S	parameter
264	77	price	Bid price	Float	Text			B	parameter
265	77	quantity	Quantity desired	Int	Text	1		B	parameter
266	79	matches	Number of matches	Int	Text	1		S	parameter
267	79	matches	Number of matches	Int	Text	1		B	parameter
268	88	price	Ask price	Float	Text			S	parameter
269	88	quantity	Quantity offered	Int	Text	1		S	parameter
270	88	price	Bid price	Float	Text			B	parameter
271	88	quantity	Quantity desired	Int	Text	1		B	parameter
272	89	price	Ask price	Float	Text			S	parameter
273	89	quantity	Quantity offered	Int	Text	1		S	parameter
274	89	price	Bid price	Float	Text			B	parameter
275	89	quantity	Quantity desired	Int	Text	1		B	parameter
276	91	matches	Number of matches	Int	Text	1		S	parameter
277	91	matches	Number of matches	Int	Text	1		B	parameter

278	107	price	Ask price	Float	Text			S	parameter
279	107	quantity	Quantity offered	Int	Text	1		S	parameter
280	107	price	Bid price	Float	Text			B	parameter
281	107	quantity	Quantity desired	Int	Text	1		B	parameter
282	108	price	Ask price	Float	Text			S	parameter
283	108	quantity	Quantity offered	Int	Text	1		S	parameter
284	108	price	Bid price	Float	Text			B	parameter
285	108	quantity	Quantity desired	Int	Text	1		B	parameter
286	114	matches	Number of matches	Int	Text	1		S	parameter
287	114	matches	Number of matches	Int	Text	1		B	parameter
288	156	Price	Price per unit	Float	Text			S	auction
289	173	Quantity	Quantity bid for	Int	Text	1		B	auction
291	156	Quantity	Price per unit	Float	Text			B	auction
292	156	Quantity	Quantity bid for	Int	Text	1		B	auction
293	156	wantID	Auction bid on	Varchar	Text			B	auction
294	157	Price	Price per unit	Float	Text			S	auction
295	157	Quantity	Cumulative quantity auctioned	Int	Text	1		S	auction
296	157	Price	Price per unit	Float	Text			B	auction
297	157	Quantity	Quantity bid for	Int	Text	1		B	auction
298	157	wantID	Auction bid on	Varchar	Text			B	auction
299	158	Price	Price per unit	Float	Text			S	auction
300	158	Quantity	Cumulative quantity auctioned	Int	Text	1		S	auction
301	158	Price	Price per unit	Float	Text			B	auction
302	158	Quantity	Quantity bid for	Int	Text	1		B	auction
303	158	wantID	Auction bid on	Varchar	Text			B	auction
304	190	wantID	Auction bid on	Varchar	Text			B	auction
305	191	wantID	Auction bid on	Varchar	Text			B	auction
306	192	wantID	Auction bid on	Varchar	Text			B	auction
307	193	wantID	Auction bid on	Varchar	Text			B	auction
308	165	Price	Price per unit	Float	Text			S	auction
309	165	Quantity	Quantity auctioned	Int	Text	1		S	auction
310	165	Price	Price per unit	Float	Text			B	auction
311	165	Quantity	Quantity bid for	Int	Text	1		B	auction
312	165	wantID	Auction bid on	Varchar	Text			B	auction
313	166	Price	Price per unit	Float	Text			S	auction
314	166	Quantity	Quantity auctioned	Int	Text	1		S	auction
315	166	Price	Price per unit	Float	Text			B	auction
316	166	Quantity	Quantity bid for	Int	Text	1		B	auction
317	166	wantID	Auction bid on	Varchar	Text			B	auction
318	167	Price	Price per unit	Float	Text			S	auction
319	167	Quantity	Quantity auctioned	Int	Text	1		S	auction
320	167	Price	Price per unit	Float	Text			B	auction
321	167	Quantity	Quantity bid for	Int	Text	1		B	auction
322	167	wantID	Auction bid on	Varchar	Text			B	auction
323	194	Quantity	Quantity auctioned	Int	Text	1		S	auction

324	194	Price	Price per unit	Float	Text			S	auction
325	194	Quantity	Quantity bid for	Int	Text	1		B	auction
326	194	. wantID	Auction bid on	Varchar	Text			B	auction
327	195	Quantity	Quantity auctioned	Int	Text	1		S	auction
328	195	Price	Price per unit	Float	Text			S	auction
329	195	Quantity	Quantity bid for	Int	Text	1		B	auction
330	195	wantID	Auction bid on	Varchar	Text			B	auction
331	196	Quantity	Quantity auctioned	Int	Text	1		S	auction
332	196	Price	Price per unit	Float	Text			S	auction
333	196	Quantity	Quantity bid for	Int	Text	1		B	auction
334	196	wantID	Auction bid on	Varchar	Text			B	auction
335	197	Quantity	Quantity auctioned	Int	Text	1		S	auction
336	197	Price	Price per unit	Float	Text			S	auction
337	197	Quantity	Quantity bid for	Int	Text	1		B	auction
338	197	wantID	Auction bid on	Varchar	Text			B	auction
339	168	Price	Price of whole package	Float	Text			S	auction
340	168	Price	Price for whole package	Float	Text			B	auction
341	168	Quantity	Quantity of whole package bid for	Int	Text	1		B	auction
342	168	wantID	Auction bid on	Varchar	Text			B	auction
343	168	Price	Reservation price of good	Float	Text			S	auction
344	168	Quantity	Quantity of good auctioned	Int	Text	1		S	auction
345	168	GoodID	ID of good auctioned	Varchar	Text			S	auction
346	168	Price	Bid amount for good	Float	Text			B	auction
347	168	Quantity	Quantity of good bid for	Int	Text	1		B	auction
348	168	GoodID	ID of good bid for	Varchar	Text			B	auction
349	169	Price	Price of whole package	Float	Text			S	auction
350	169	Price	Price for whole package	Float	Text			B	auction
351	169	Quantity	Quantity of whole package bid for	Int	Text	1		B	auction
352	169	wantID	Auction bid on	Varchar	Text			B	auction
353	169	Price	Reservation price of good	Float	Text			S	auction
354	169	Quantity	Quantity of good auctioned	Int	Text	1		S	auction
355	169	GoodID	ID of good auctioned	Varchar	Text			S	auction
356	169	Price	Bid amount for good	Float	Text			B	auction
357	169	Quantity	Quantity of good bid for	Int	Text	1		B	auction
358	169	GoodID	ID of good bid for	Varchar	Text			B	auction
359	170	Price	Price of whole package	Float	Text			S	auction
360	170	Price	Price for whole package	Float	Text			B	auction

361	170	Quantity	Quantity of whole package bid for	Int	Text	1		B	auction
362	170	wantID	Auction bid on	Varchar	Text			B	auction
363	170	Price	Reservation price of good	Float	Text			S	auction
364	170	Quantity	Quantity of good auctioned	Int	Text	1		S	auction
365	170	GoodID	ID of good auctioned	Varchar	Text			S	auction
366	170	Price	Bid amount for good	Float	Text			B	auction
367	170	Quantity	Quantity of good bid for	Int	Text	1		B	auction
368	170	GoodID	ID of good bid for	Varchar	Text			B	auction
369	173	Price	Price per unit	Float	Text			S	auction
370	173	Quantity	Cumulative quantity auctioned	Int	Text	1		S	auction
371	173	wantID	Auction bid on	Varchar	Text			B	auction
372	174	Price	Price per unit	Float	Text			S	auction
373	174	Quantity	Cumulative quantity auctioned	Int	Text	1		S	auction
374	174	Quantity	Quantity bid for	Int	Text	1		B	auction
375	174	wantID	Auction bid on	Varchar	Text			B	auction
376	234	Price	Price per unit	Float	Text			S	auction
377	234	Quantity	Cumulative quantity auctioned	Int	Text	1		S	auction
378	234	Price	Price per unit	Float	Text			B	auction
379	234	Quantity	Quantity bid for	Int	Text	1		B	auction
380	234	wantID	Auction bid on	Varchar	Text			B	auction
381	242	Price	Price per unit	Float	Text			S	auction
382	242	Quantity	Cumulative quantity auctioned	Int	Text	1		S	auction
383	242	Price	Price per unit	Float	Text			B	auction
384	242	Quantity	Quantity bid for	Int	Text	1		B	auction
385	242	wantID	Auction bid on	Varchar	Text			B	auction
386	248	wantID	Auction bid on	Varchar	Text			B	auction
387	226	Price	Price per unit	Float	Text			S	auction
388	226	Quantity	Quantity auctioned	Int	Text	1		S	auction
389	226	Price	Price per unit	Float	Text			B	auction
390	226	Quantity	Quantity bid for	Int	Text	1		B	auction
391	226	wantID	Auction bid on	Varchar	Text			B	auction
402	135	alpha	Percentage of best sellers match	Float	Text	0	1	M	
403	138	alpha	Percentage of best sellers match	Float	Text	0	1	M	

Table : **ixe_market_type (dbo)**

Column Name	Type	Rule	Default	Comment
market_type_ID	numeric(18)			The Market Type ID number, for example, 1 for Exchange, 2 for Barter, 3 for Auction, and 4 for Competative
market_type	varchar(50)			Market Type, For example, Exchange, Auction, and Competitive

market_type_ID	market_type	feature_status
---	---	---
1	Exchange	0
3	Auction	0
4	Competitive	0
2	Barter	9999

Table : **ixe_transaction_type (dbo)**

Column Name	Type	Rule	Default	Comment
transaction_type_ID	numeric(18)			Market transaction type ID
market_type_ID	numeric(18)			Market type ID, it refers to ixe_market_type(market_type_ID)
transaction_value	varchar(50)			Transaction Type Value, it should rename transaction_type_name
process_name	varchar(50) NULL			It is the java class file path
Type	varchar(8) NULL			Only three values (0, 1, and 2), for example, 1 for "Consignment Store standard", "Pawnshop Standard", "B2B Concierge Standard". 2 for "Reverse Consignment Store", "Reverse Pawnshop", "Reverse B2B Concierge". 0 for the rest. Note: need to ask Alex more
panel	varchar(50) NULL			competitive.jsp for Competitive market, NULL for the rest. Note: Need to ask Alex for this ??
feature_status	numeric(18)			Feature status; 0 for all application, 999 is not ready

transaction_type_ID	market_type_ID	transaction_value	process_name	Type	panel	feature_status
1	1	Symmetric Exchange	com.liquid.algorithm.SymmetricExchange	0		0
2	1	Consignment Store Standard	com.liquid.algorithm.SymmetricExchange	1		0
3	1	Department Store Standard	com.liquid.algorithm.SymmetricExchange	1		0
4	1	Internal Allocation	com.liquid.algorithm.Internal	0	internal.jsp	0
5	1	B2B Concierge Standard	com.liquid.algorithm.SymmetricExchange	1		0
9	3	English	com.liquid.algorithm.Auction	0		0
10	3	Dutch	com.liquid.algorithm.Auction	0		0
11	3	Japanese	com.liquid.algorithm.Auction	0		0
12	3	Second Price	com.liquid.algorithm.Auction	0		0
13	3	Custom Auction	com.liquid.algorithm.Auction	0		0
14	4	Competitive	com.liquid.algorithm.CompetitiveMarket	0	competitive.jsp	0
15	1	Reverse Consignment Store	com.liquid.algorithm.SymmetricExchange	2		0
16	1	Reverse Department Store	com.liquid.algorithm.SymmetricExchange	2		0
17	1	Reverse B2B Concierge	com.liquid.algorithm.SymmetricExchange	2		0
18	1	Pricing Routine	com.liquid.algorithm.Pricing	0		0
19	4	Market Definition	com.liquid.algorithm.CompetitiveMarket	0		0

		Routine				
20	3	One Time Bid	com.liquid.algorithm.Auction	0		0
6	2	Simple Barter	com.liquid.algorithm.BarterController	0		9999
7	2	Trading Post	com.liquid.algorithm.TradingPost	0		9999
8	2	Flexible Barter	com.liquid.algorithm.FlexibleBarter	0		9999